

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056300.D
 Acq On : 16 Jan 2023 17:28
 Operator : CG/JU
 Sample : 01133-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:26:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

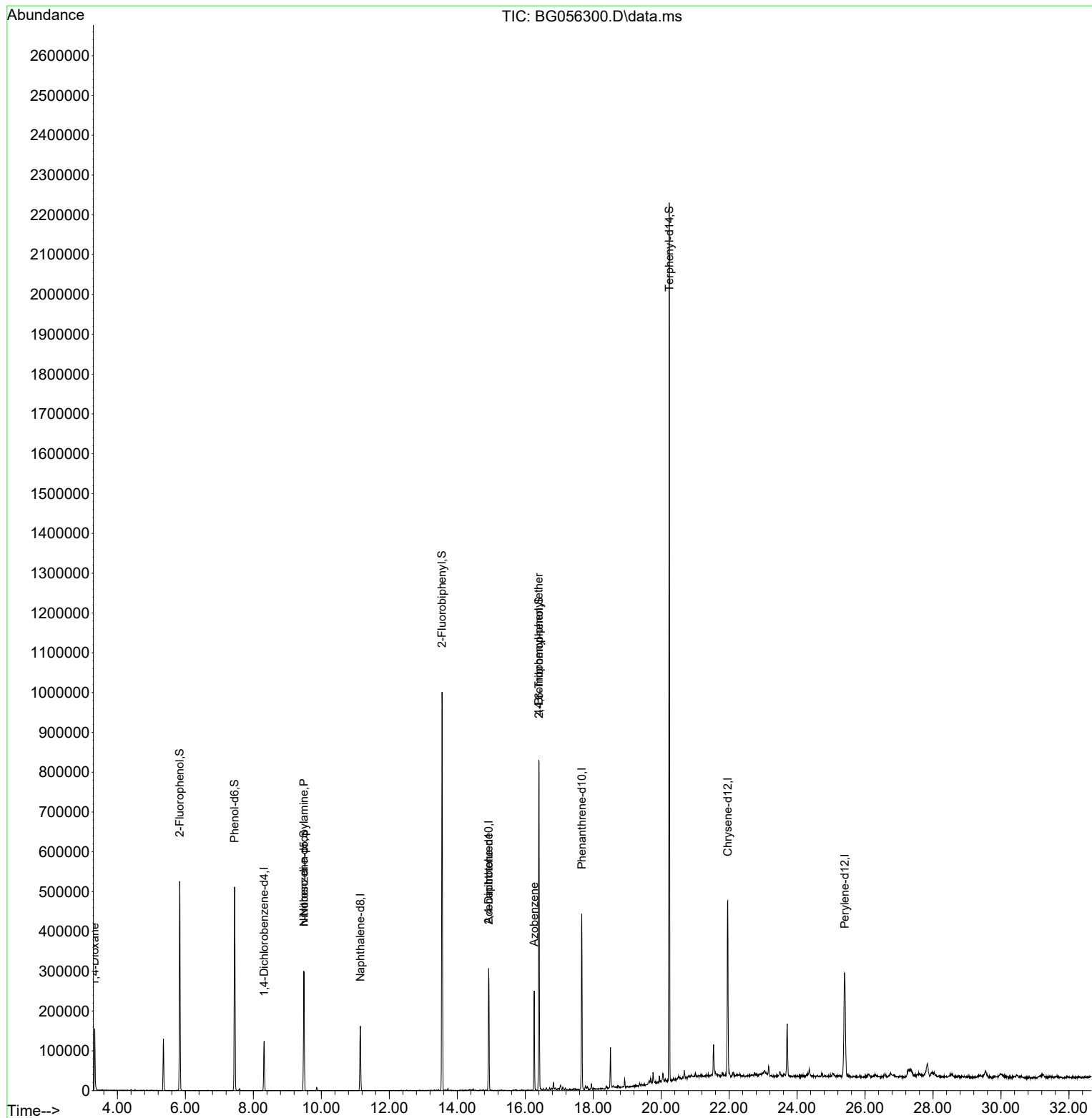
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.316	152	39923	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	148888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.926	164	118404	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	303282	20.000	ng	0.00
76) Chrysene-d12	21.959	240	304367	20.000	ng	# 0.00
86) Perylene-d12	25.402	264	337587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	288441	129.001	ng	0.00
7) Phenol-d6	7.447	99	401465	116.916	ng	0.00
23) Nitrobenzene-d5	9.486	82	214029	73.531	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	173778	115.885	ng	0.00
45) 2-Fluorobiphenyl	13.551	172	578805	67.504	ng	0.00
79) Terphenyl-d14	20.238	244	1174949	69.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	2176	2.131	ng	# 1
19) n-Nitroso-di-n-propyla...	9.486	70	26619	12.748	ng	# 74
57) 2,4-Dinitrotoluene	14.926	165	16166	5.676	ng	# 30
63) Azobenzene	16.266	77	64547	9.331	ng	# 1
67) 4-Bromophenyl-phenylether	16.401	248	14913	3.861	ng	# 1

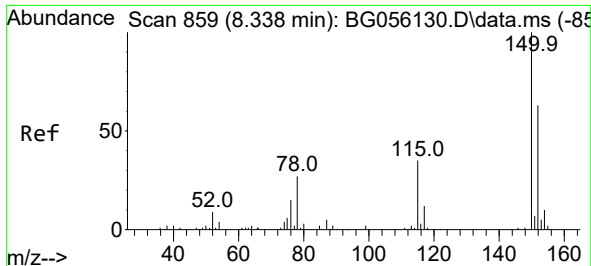
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
Data File : BG056300.D
Acq On : 16 Jan 2023 17:28
Operator : CG/JU
Sample : 01133-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Quant Time: Jan 17 05:26:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

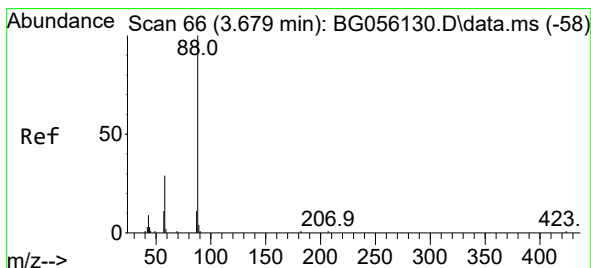
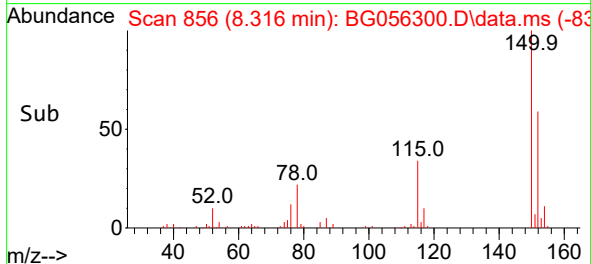
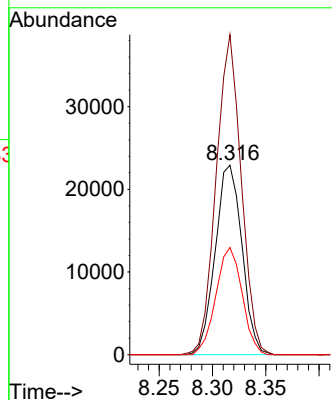
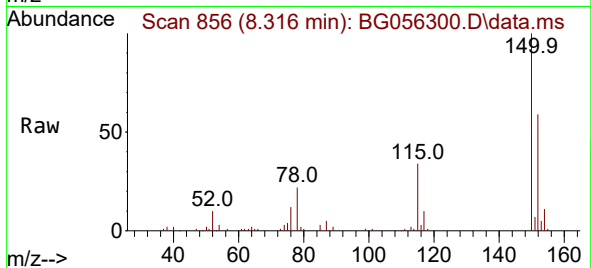




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.316 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

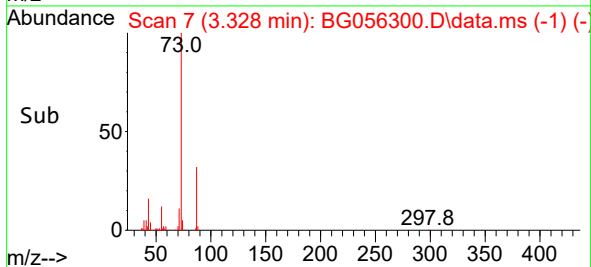
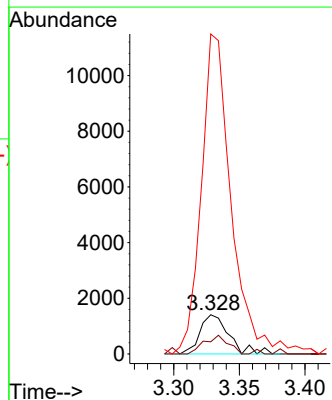
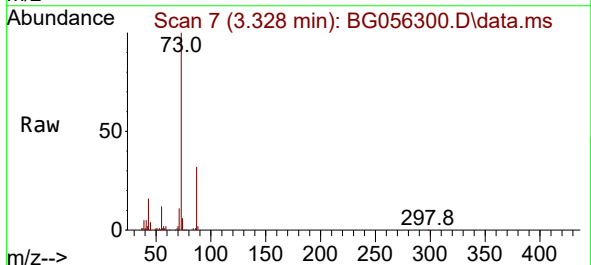
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

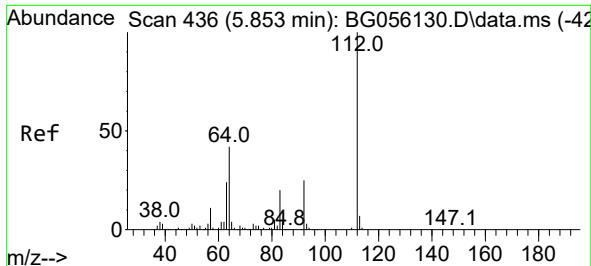
Tgt Ion:152 Resp: 39923
Ion Ratio Lower Upper
152 100
150 168.9 127.9 191.9
115 56.6 44.2 66.2



#2
1,4-Dioxane
Concen: 2.131 ng
RT: 3.328 min Scan# 7
Delta R.T. -0.318 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion: 88 Resp: 2176
Ion Ratio Lower Upper
88 100
58 39.0 21.4 32.0#
43 842.6 7.1 10.7#

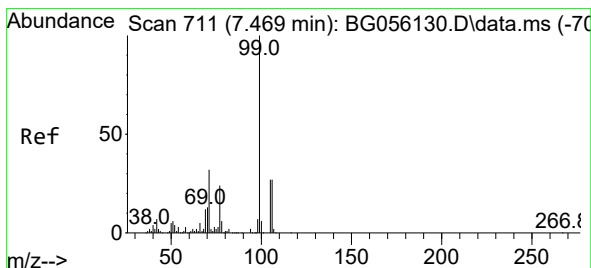
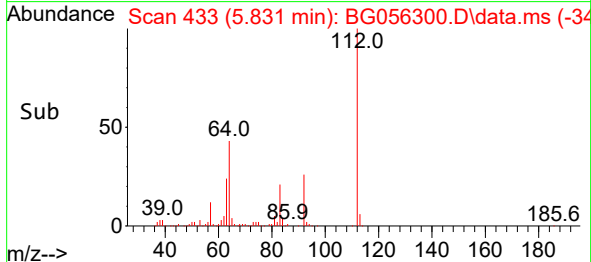
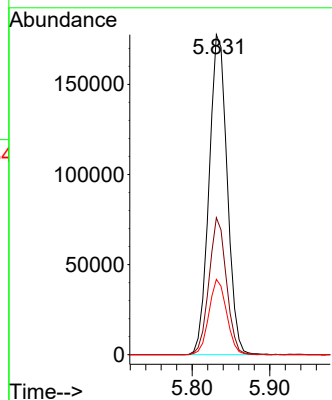
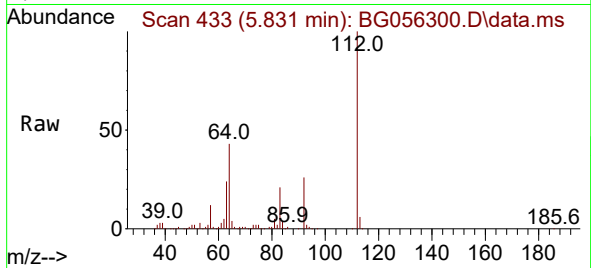




#5
2-Fluorophenol
Concen: 129.001 ng
RT: 5.831 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

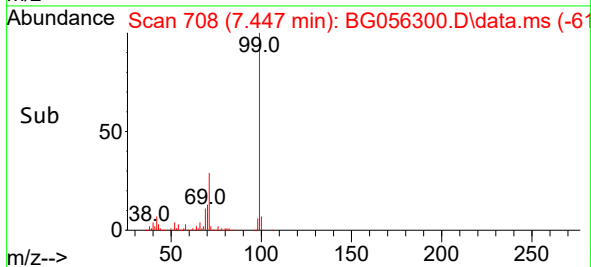
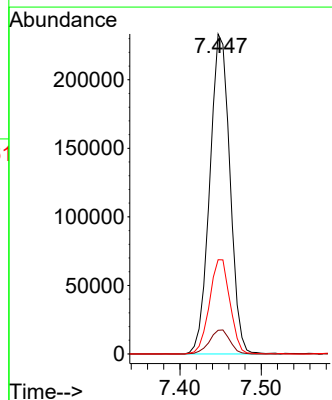
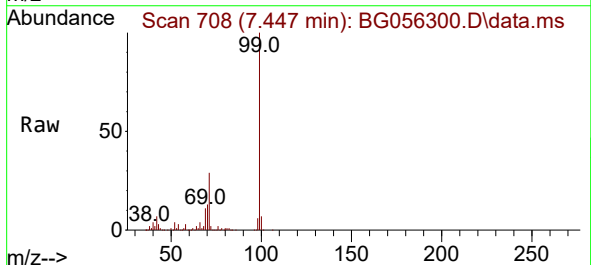
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

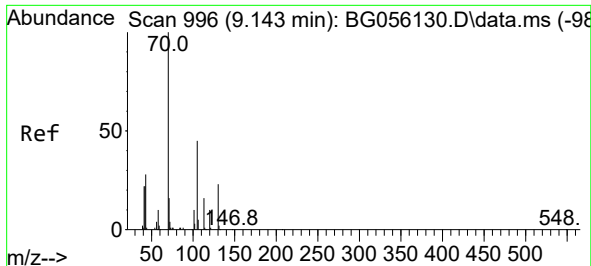
Tgt Ion:112 Resp: 288441
Ion Ratio Lower Upper
112 100
64 42.8 33.3 49.9
63 23.5 19.0 28.4



#7
Phenol-d6
Concen: 116.916 ng
RT: 7.447 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion: 99 Resp: 401465
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.4 25.4 38.2

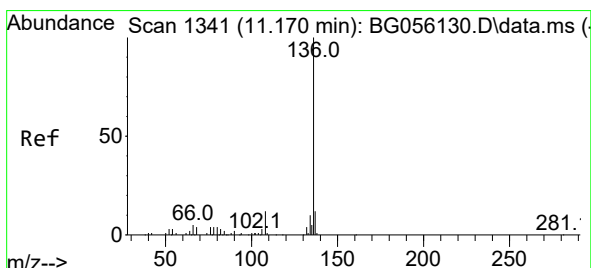
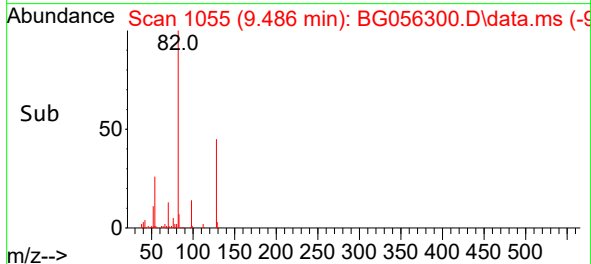
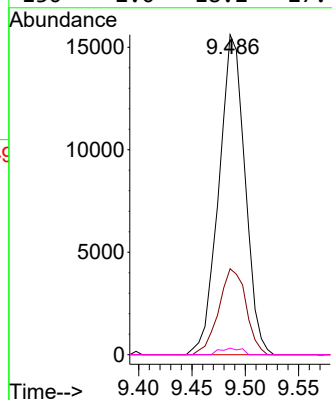
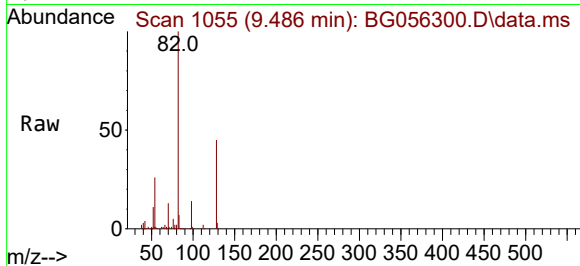




#19
n-Nitroso-di-n-propylamine
Concen: 12.748 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.370 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

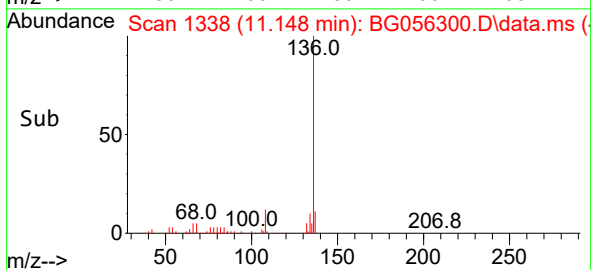
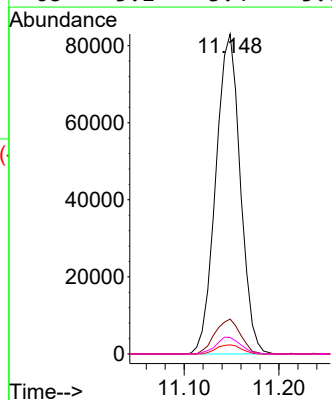
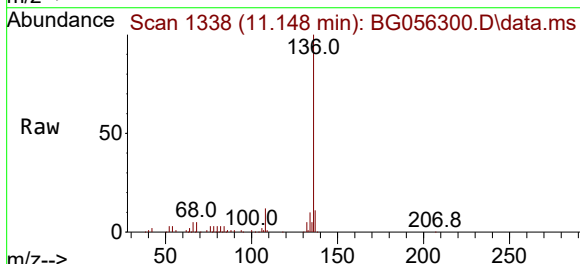
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

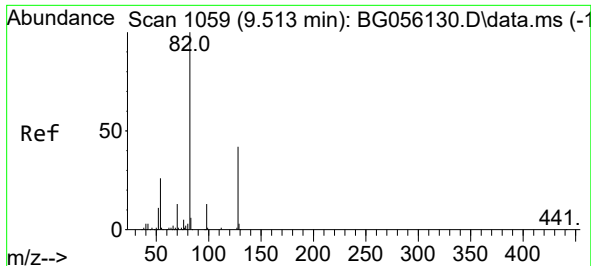
Tgt Ion: 70	Resp: 26619
Ion Ratio	Lower Upper
70 100	
42 26.8	18.2 27.2
101 0.0	8.3 12.5#
130 2.0	18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.148 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion: 136	Resp: 148888
Ion Ratio	Lower Upper
136 100	
137 10.9	9.4 14.0
54 2.9	2.2 3.2
68 5.1	3.4 5.0#

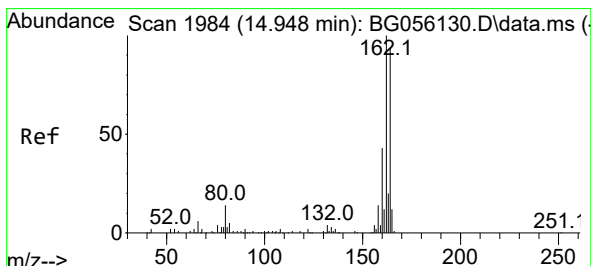
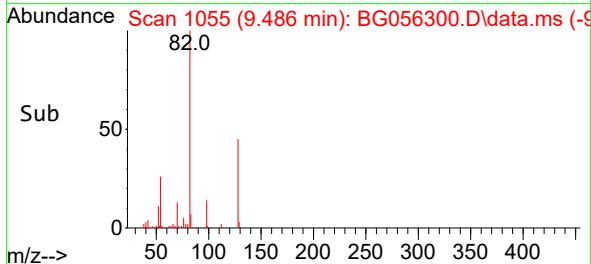
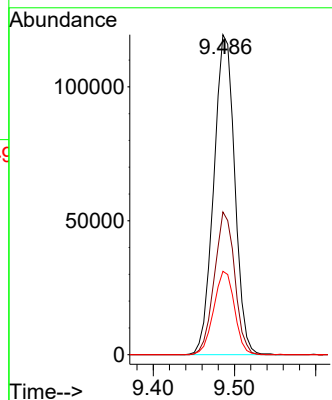
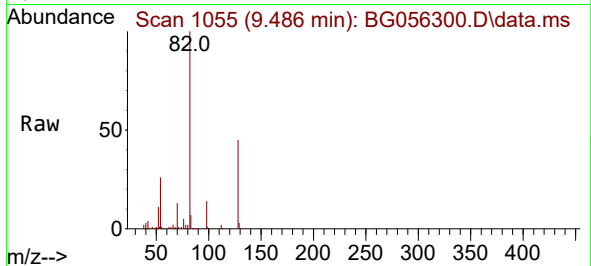




#23
Nitrobenzene-d5
Concen: 73.531 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

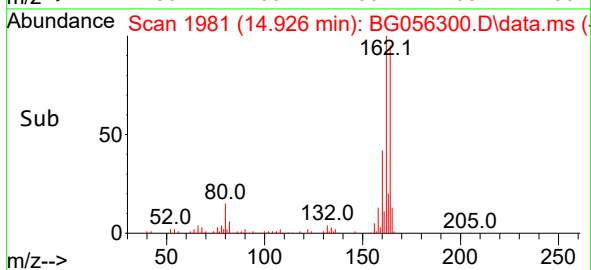
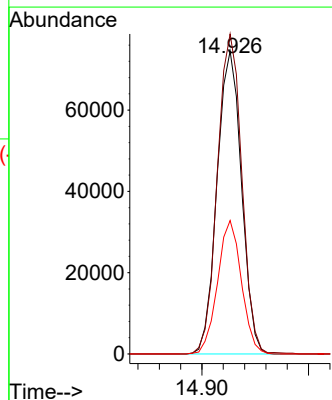
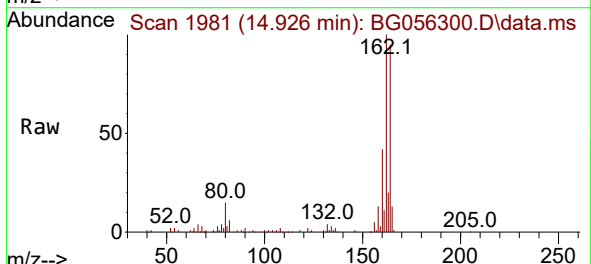
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

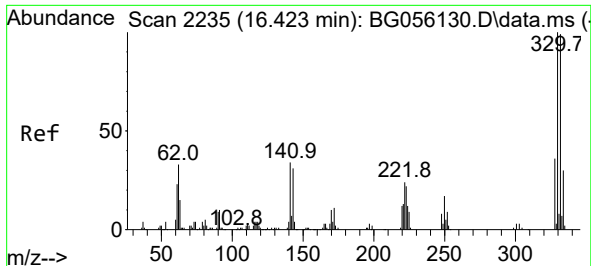
Tgt Ion: 82 Resp: 214029
Ion Ratio Lower Upper
82 100
128 44.6 33.4 50.2
54 26.1 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion:164 Resp: 118404
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 44.0 36.3 54.5

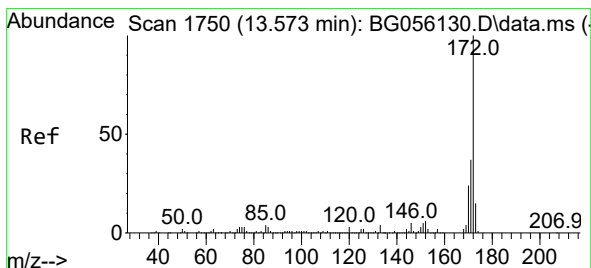
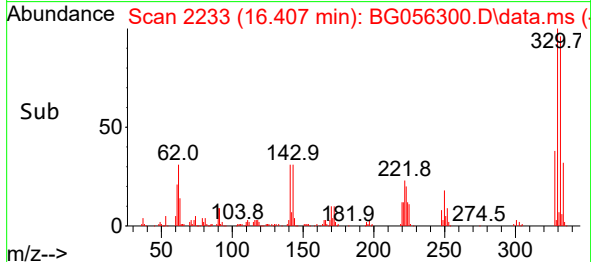
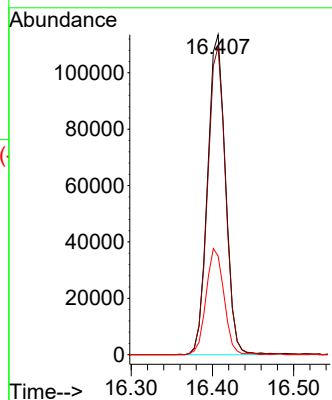
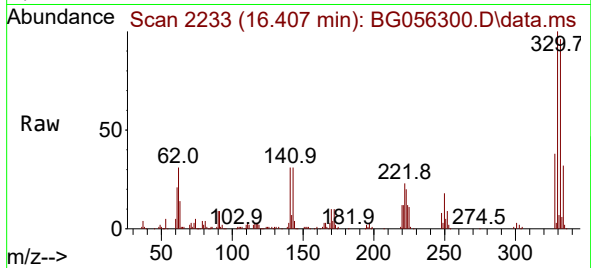




#42
 2,4,6-Tribromophenol
 Concen: 115.885 ng
 RT: 16.407 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056300.D
 Acq: 16 Jan 2023 17:28

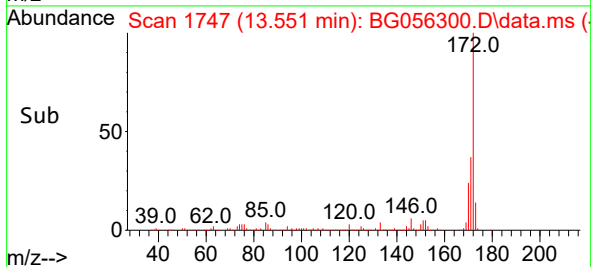
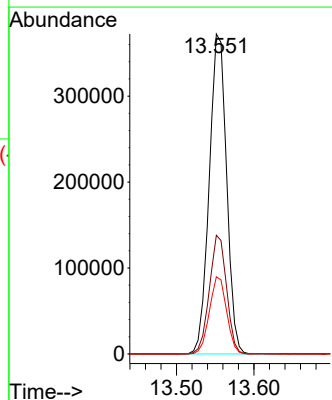
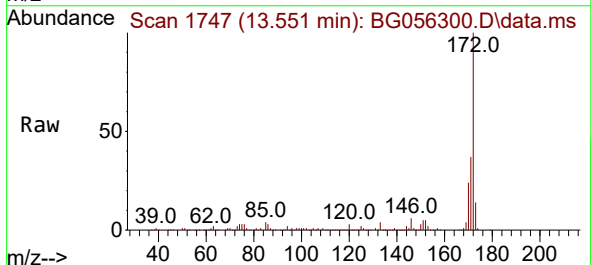
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

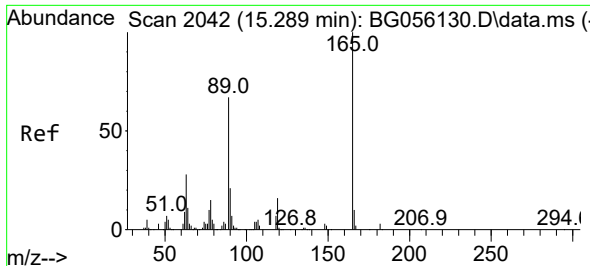
Tgt Ion:330 Resp: 173778
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 33.1 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 67.504 ng
 RT: 13.551 min Scan# 1747
 Delta R.T. -0.006 min
 Lab File: BG056300.D
 Acq: 16 Jan 2023 17:28

Tgt Ion:172 Resp: 578805
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.1 19.4 29.2

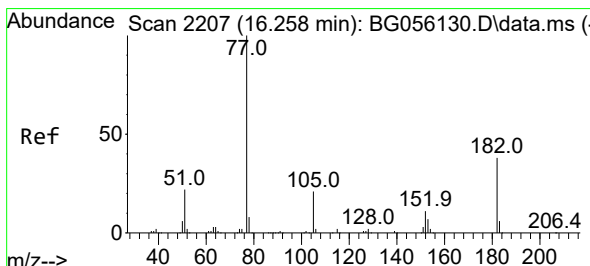
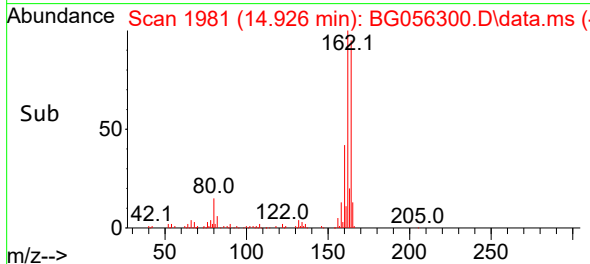
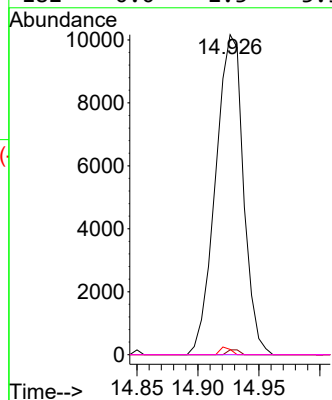
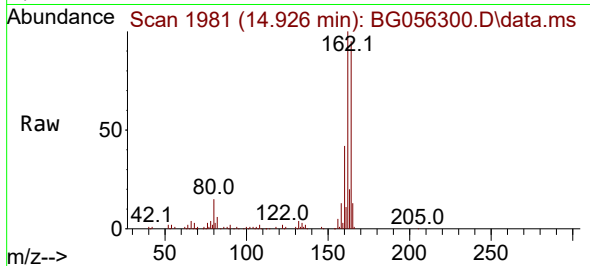




#57
2,4-Dinitrotoluene
Concen: 5.676 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.347 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

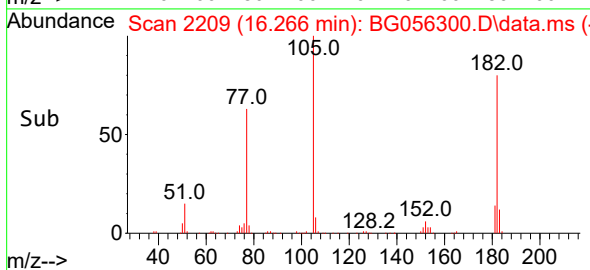
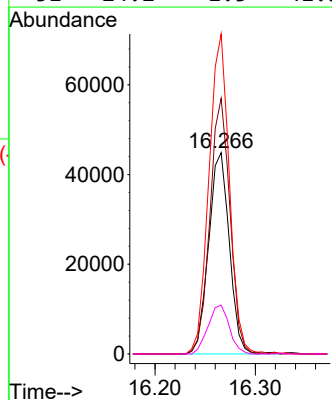
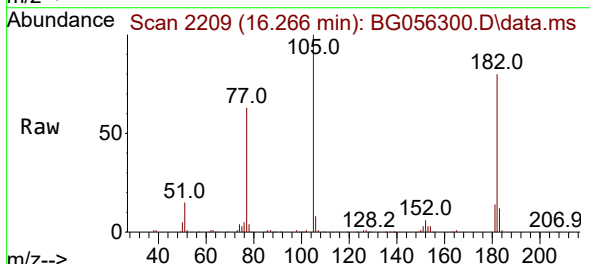
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

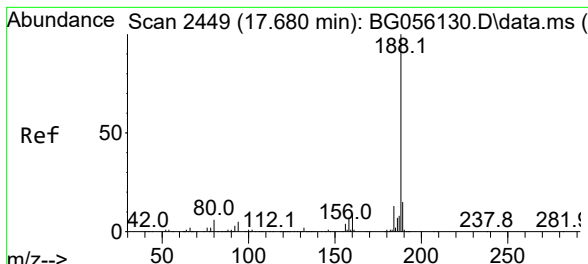
Tgt Ion:165 Resp: 16166
Ion Ratio Lower Upper
165 100
63 1.5 22.6 34.0#
89 1.6 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 9.331 ng
RT: 16.266 min Scan# 2209
Delta R.T. 0.023 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion: 77 Resp: 64547
Ion Ratio Lower Upper
77 100
182 127.0 18.5 58.5#
105 159.0 1.4 41.4#
51 24.2 1.5 41.5

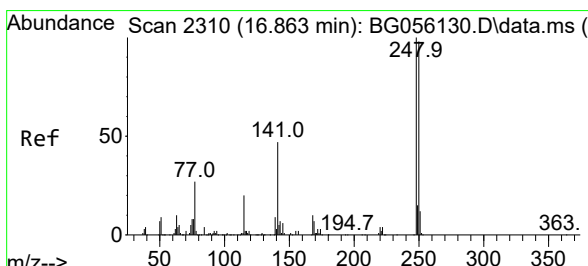
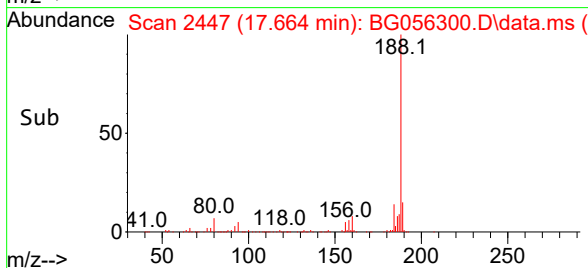
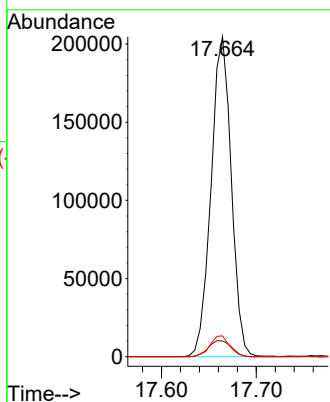
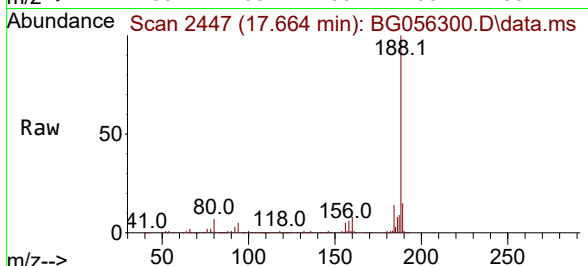




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

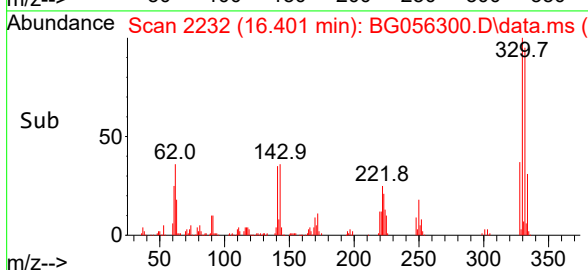
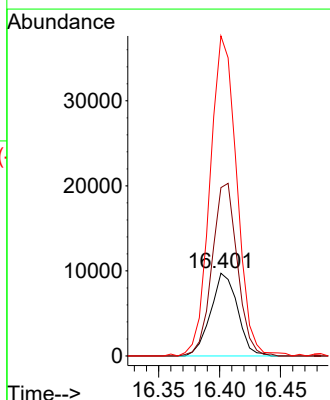
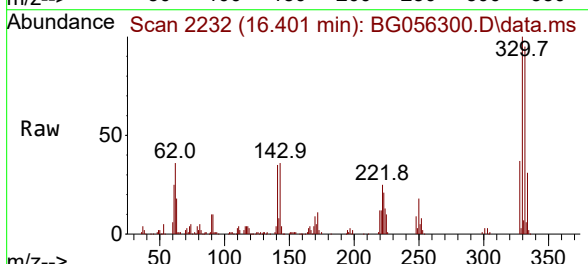
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

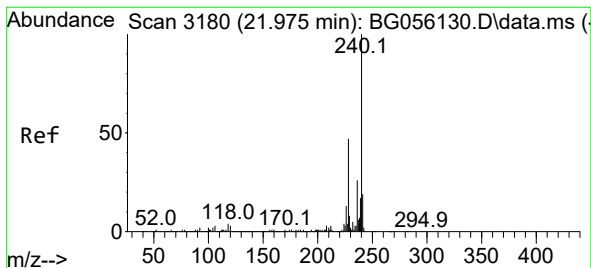
Tgt Ion:	188	Resp:	303282
Ion Ratio	Lower	Upper	
188	100		
94	4.9	4.2	6.2
80	6.5	5.0	7.4



#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.447 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion:	248	Resp:	14913
Ion Ratio	Lower	Upper	
248	100		
250	203.4	78.2	117.4#
141	386.9	37.6	56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.959 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056300.D

Acq: 16 Jan 2023 17:28

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

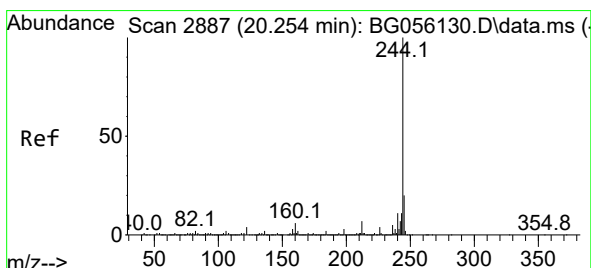
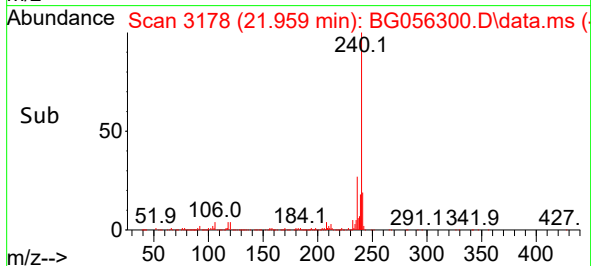
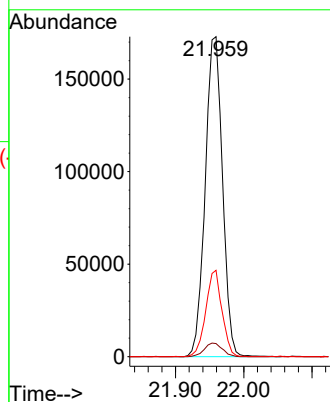
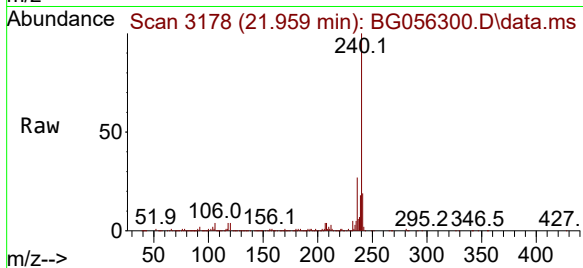
Tgt Ion:240 Resp: 304367

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 27.0 20.8 31.2



#79

Terphenyl-d14

Concen: 69.140 ng

RT: 20.238 min Scan# 2885

Delta R.T. -0.000 min

Lab File: BG056300.D

Acq: 16 Jan 2023 17:28

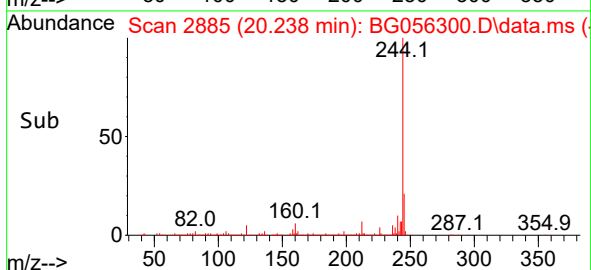
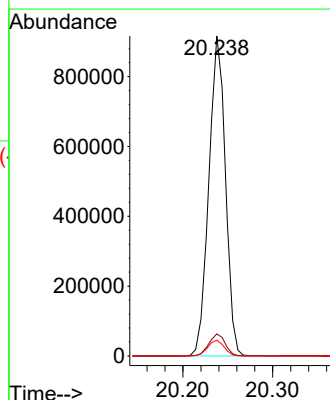
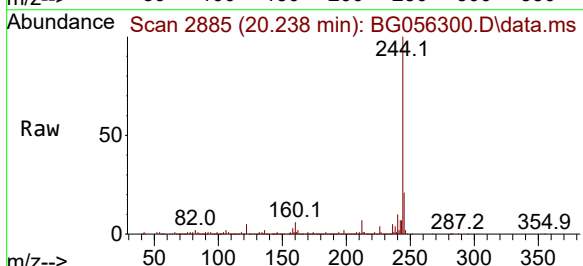
Tgt Ion:244 Resp: 1174949

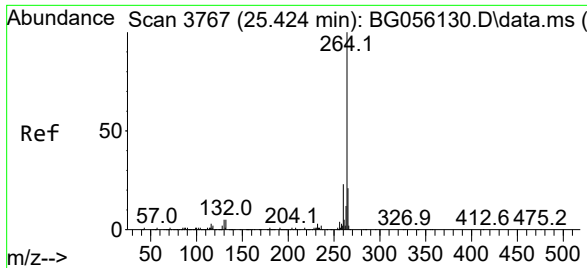
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

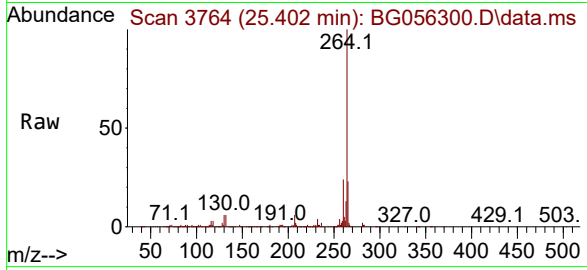
122 4.9 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.402 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG056300.D
 Acq: 16 Jan 2023 17:28

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1



Tgt Ion:264 Resp: 337587

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.5	16.7	25.1

